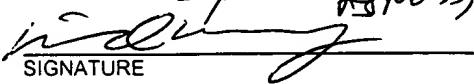


FORM PTO-1300 (REV. 5-93)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTORNEY'S DOCKET NUMBER 2345/154
TRANSMITTAL LETTER TO THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US) CONCERNING A FILING UNDER 35 U.S.C. 371		U.S. APPLICATION NO. (If known, see 37 CFR 1.5) 09/830757
INTERNATIONAL APPLICATION NO. PCT/EP00/08261	INTERNATIONAL FILING DATE 24 August 2000 (24.08.00)	PRIORITY DATE CLAIMED: 30 August 1999 (30.08.99)
JC07 Rec'd PCT/PTO 30 APR 2001 TITLE OF INVENTION DEVICE AND METHOD FOR THE TEMPERATURE-INDEPENDENT OPERATION OF ELECTRO-OPTICAL SWITCHES ON THE BASIS OF FERROELECTRIC LIQUID CRYSTALS HAVING A DEFORMED HELIX		
APPLICANT(S) FOR DO/EO/US Wolfgang DULTZ, Dirk GANZKE, Wolfgang HAASE, Eugene POZHIDAEV		
Applicant(s) herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information		
1. <input checked="" type="checkbox"/> This is a FIRST submission of items concerning a filing under 35 U.S.C. 371. 2. <input type="checkbox"/> This is a SECOND or SUBSEQUENT submission of items concerning a filing under 35 U.S.C. 371. 3. <input checked="" type="checkbox"/> This is an express request to begin national examination procedures (35 U.S.C. 371(f)) immediately rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. 371(b) and PCT Articles 22 and 39(1). 4. <input type="checkbox"/> A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date. 5. <input checked="" type="checkbox"/> A copy of the International Application as filed (35 U.S.C. 371(c)(2)) a. <input type="checkbox"/> is transmitted herewith (required only if not transmitted by the International Bureau). b. <input checked="" type="checkbox"/> has been transmitted by the International Bureau. c. <input type="checkbox"/> is not required, as the application was filed in the United States Receiving Office (RO/US) 6. <input checked="" type="checkbox"/> A translation of the International Application into English (35 U.S.C. 371(c)(2)). 7. <input checked="" type="checkbox"/> Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. 371(c)(3)) a. <input type="checkbox"/> are transmitted herewith (required only if not transmitted by the International Bureau). b. <input type="checkbox"/> have been transmitted by the International Bureau. c. <input type="checkbox"/> have not been made; however, the time limit for making such amendments has NOT expired. d. <input checked="" type="checkbox"/> have not been made and will not be made. 8. <input type="checkbox"/> A translation of the amendments to the claims under PCT Article 19 (35 U.S.C. 371(c)(3)). 9. <input checked="" type="checkbox"/> An oath or declaration of the inventor(s) (35 U.S.C. 371(c)(4)) UNSIGNED. 10. <input type="checkbox"/> A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. 371(c)(5)). Items 11. to 16. below concern other document(s) or information included: 11. <input checked="" type="checkbox"/> An Information Disclosure Statement under 37 CFR 1.97 and 1.98. 12. <input type="checkbox"/> An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included. 13. <input checked="" type="checkbox"/> A FIRST preliminary amendment. <input type="checkbox"/> A SECOND or SUBSEQUENT preliminary amendment. 14. <input checked="" type="checkbox"/> A substitute specification and marked-up version of specification. 15. <input type="checkbox"/> A change of power of attorney and/or address letter. 16. <input checked="" type="checkbox"/> Other items or information: International Search Report and Form PCT/RO/101.		

U.S. APPLICATION NO. if known, see 37 CFR 1.1 09/830757	INTERNATIONAL APPLICATION NO. PCT/EP00/08261	ATTORNEY'S DOCKET NUMBER 2245154																
17. <input checked="" type="checkbox"/> The following fees are submitted: Basic National Fee (37 CFR 1.492(a)(1)-(5)): Search Report has been prepared by the EPO or JPO \$860.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) \$690.00 No international preliminary examination fee paid to USPTO (37 CFR 1.482) but international search fee paid to USPTO (37 CFR 1.445(a)(2)) \$710.00 Neither international preliminary examination fee (37 CFR 1.482) nor international search fee (37 CFR 1.445(a)(2)) paid to USPTO \$1,000.00 International preliminary examination fee paid to USPTO (37 CFR 1.482) and all claims satisfied provisions of PCT Article 33(2)-(4) \$100.00		CALCULATIONS PTO USE ONLY																
ENTER APPROPRIATE BASIC FEE AMOUNT =		\$ 860																
Surcharge of \$130.00 for furnishing the oath or declaration later than <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(e)).		\$																
<table border="1" style="width: 100%; border-collapse: collapse;"> <thead> <tr> <th style="width: 25%;">Claims</th> <th style="width: 25%;">Number Filed</th> <th style="width: 25%;">Number Extra</th> <th style="width: 25%;">Rate</th> </tr> </thead> <tbody> <tr> <td>Total Claims</td> <td>14 - 20 =</td> <td>0</td> <td>X \$18.00</td> </tr> <tr> <td>Independent Claims</td> <td>2 - 3 =</td> <td>0</td> <td>X \$80.00</td> </tr> <tr> <td colspan="2">Multiple dependent claim(s) (if applicable)</td> <td></td> <td>+ \$270.00</td> </tr> </tbody> </table>		Claims	Number Filed	Number Extra	Rate	Total Claims	14 - 20 =	0	X \$18.00	Independent Claims	2 - 3 =	0	X \$80.00	Multiple dependent claim(s) (if applicable)			+ \$270.00	TOTAL OF ABOVE CALCULATIONS =
Claims	Number Filed	Number Extra	Rate															
Total Claims	14 - 20 =	0	X \$18.00															
Independent Claims	2 - 3 =	0	X \$80.00															
Multiple dependent claim(s) (if applicable)			+ \$270.00															
Reduction by 1/2 for filing by small entity, if applicable. Verified Small Entity statement must also be filed. (Note 37 CFR 1.9, 1.27, 1.28).		\$																
SUBTOTAL =		\$860																
Processing fee of \$130.00 for furnishing the English translation later the <input type="checkbox"/> 20 <input type="checkbox"/> 30 months from the earliest claimed priority date (37 CFR 1.492(f)).		\$																
TOTAL NATIONAL FEE =		\$860																
Fee for recording the enclosed assignment (37 CFR 1.21(h)). The assignment must be accompanied by an appropriate cover sheet (37 CFR 3.28, 3.31). \$40.00 per property		+ \$																
TOTAL FEES ENCLOSED =		\$860																
		Amount to be refunded charged																
a. <input type="checkbox"/> A check in the amount of \$ _____ to cover the above fees is enclosed. b. <input checked="" type="checkbox"/> Please charge my Deposit Account No. <u>11-0600</u> in the amount of \$860.00 to cover the above fees. A duplicate copy of this sheet is enclosed. c. <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. <u>11-0600</u> . A duplicate copy of this sheet is enclosed.																		
NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(q) or (b)) must be filed and granted to restore the application to pending status.																		
 By <u>Richard L. Mayer</u> <u>Reg. No. 22,490</u> DATE <u>4/30/01</u>																		
SEND ALL CORRESPONDENCE TO: Kenyon & Kenyon One Broadway New York, New York 10004 Telephone No. (212)425-7200 Facsimile No. (212)425-5288 CUSTOMER NO. 26646																		

09/830757

JC18 Rec'd PCT/PTO 30 APR 2001

EXPRESS MAIL CERTIFICATE

"EXPRESS MAIL" MAILING LABEL NUMBER EL594612714US

DATE OF DEPOSIT 4/30/01

TYPE OF DOCUMENT National Phase. Appl.

re Daltz et al.

SERIAL NO. To be assigned FILING DATE herewith

I HEREBY CERTIFY THAT THIS PAPER OR FEE IS BEING DEPOSITED WITH THE UNITED STATES POSTAL SERVICE "EXPRESS MAIL POST OFFICE TO ADDRESSEE" SERVICE UNDER 37 CFR 1.10 ON THE DATE INDICATED ABOVE, BY BEING HANDED TO A POSTAL CLERK OR BY BEING PLACED IN THE EXPRESS MAIL BOX BEFORE THE POSTED DATE OF THE LAST PICK UP, AND IS ADDRESSED TO THE ASSISTANT COMMISSIONER FOR PATENTS, WASHINGTON, D.C. 20231.

Sunshine Limanni

(PRINTED NAME OF PERSON MAILING PAPER OR FEE)

Sunshine Limanni

(SIGNATURE OF PERSON MAILING PAPER OR FEE)

Device and Method for the Temperature - Independent
Operation of Electro-Optical Switches on the
Basis of Ferroelectric Liquid Crystal Having
a Deformed Hex